CLAIMS:

1. (currently amended) A system for drafting a patent application and assessing
technological information on at least one computer, the system comprising:

   a. at least one input device connected to the at least one computer for ~~inputting~~ receiving
   information inputs from at least one user

   b. at least one processing means for automatically generating a diagrammatic
   representation of an invention by transforming the information inputs, wherein the
   diagrammatic representation includes a hierarchical component categorization of the
   technical components of the invention based upon the information inputted by the at
   least one user, wherein the diagrammatic representation comprises graphical
   component structure and textual component content associated with each component
   such that for each component, the graphical component structure includes the textual
   component content, and for automatically generating a document for filing as a patent
   application, including specification and claims, based upon the information inputted
   by the at least one user and additional text-based detailed information that is
   organized consistent with the diagram; wherein the hierarchical component
   categorization includes at least one key component and at least one subcomponent
   related thereto, wherein the diagrammatic representation of the components and
   subcomponents together provides an indication of what may be claimed in a patent
   application, and wherein the text-based information and the diagram components are
   automatically directly linked by being visually integrated with one another within the
   graphical component structure;

    c. at least one output device connected to the at least one computer for outputting the automatically generated diagrammatic representation of an invention.

2. (original) The system according to claim 1, wherein the diagram is modifiable by the at least one user and the diagram hierarchical component categorization and related text-based detailed information is automatically updated based upon the user modifications.

3. (original) The system according to claim 1, wherein the at least one key component includes a multiplicity of components.

4. (original) The system according to claim 1, wherein the at least one subcomponent further includes at least one sub-subcomponent.

5. (original) The system according to claim 1, wherein the relational connection between components establishes the claims structure of the patent application.

6. (cancelled)

7. (original) The system according to claim 6, wherein the link(s) are hyperlinks.

8. (original) The system according to claim 1, wherein the document and diagram are capable of being output into another software program.

9. (original) The system according to claim 1, wherein the document and diagram are exportable in HTML format.

10. (original) The system according to claim 1, wherein the document and diagram are exportable in XML format.

11. (currently amended) A method for drafting a patent application comprising the steps of:

    a. providing a system for receiving information inputs relating to an invention, wherein the system includes a computer having a processor, a memory, graphic user interface, and

input mechanisms; ~~entering information relating to components of a patentable invention by~~

~~at least one user;~~

b. transforming the inputs by automatically generating a visual diagram of the

components of the invention in a hierarchical relational diagram, wherein the visual diagram

is a diagrammatic representation of an invention, wherein the diagrammatic representation

includes a hierarchical component categorization of the technical components of the

invention based upon the user inputted information, wherein the diagrammatic representation

comprises graphical component structure and textual component content wherein the textual

component is positioned within the graphical component structure for each component

associated with each component such that for each component, the graphical component

structure includes the textual component content wherein the textual component and the

diagram components are automatically directly linked by being visually integrated with one

another within the diagrammatic representation, and automatically generating a document for

filing as a patent application, including specification and claims, based upon the user inputted

information and additional text-based detailed information that is organized consistent with

the diagram; wherein the hierarchical component categorization includes at least one key

component and at least one subcomponent related thereto; and

c. the at least one user viewing the diagram and text-based information in a tangible

medium, wherein the diagrammatic representation of the components and subcomponents

together provides an indication of what may be claimed in a patent application.

12. (previously amended) The method according to claim 11, further including the step of:

at least one user entering diagram verbiage by drafting the text-based detailed description or

verbiage of the specification section of the application for each component of the diagram

wherein the text-based description and the diagram verbiage are automatically directly linked

by being visually integrated with one another where the text associated with each component

is included only within the diagram section for that component.

13. (original) The method according to claim 11, further including the step of:

at least one user inputting additional components selected from the group consisting of key

components, subcomponents, and sub-subcomponents.

14. (original) The method according to claim 11, further including the steps of:

modifying any previously inputted components within the diagram; and

the system automatically updating the diagram and relational information to those modified

components.

15. (original) The method according to claim 11, further including the step of automatically

generating a patent application based upon the inputted information and the hierarchical

diagram, including specification and claims.

16. (currently amended) A system for mapping technology using at least one computing

device, comprising:

a. at least one input device connected to the at least one computing device for <u>receiving</u>

<s>inputting</s> information <u>inputs</u> from at least one user;

b. at least one processing means for automatically generating a diagrammatic

representation of a technology, wherein the diagrammatic representation includes a

hierarchical component categorization of the technical components of the technology based

upon the information inputted by the at least one user, wherein the diagrammatic

representation comprises graphical component structure and textual component content

associated with each component such that for each component, the graphical component

structure for each component includes the textual component content for that component

only, wherein the hierarchical component categorization includes at least one key component

and at least one subcomponent related thereto; and

c. at least one output device connected to the at least one computing device for outputting

the automatically generated diagrammatic representation of a technology.

17. (currently amended) A method for mapping technology comprising the steps of:

a. ~~entering~~ providing a system for receiving information inputs relating to an invention,

wherein the system includes a computer having a processor, a memory, graphic user

interface, and input mechanisms and providing information inputs to the system relating to

components of a technology ~~by at least one user~~;

b. transforming the information inputs by automatically generating a visual diagram of

the components of the technology in a hierarchical relational diagram, wherein the visual

diagram is a diagrammatic representation of a technology, wherein the diagrammatic

representation includes a hierarchical component categorization of the technical components

of the technology based upon the user inputted information, wherein the diagrammatic

representation comprises graphical component structure and textual component content

associated with each component such that for each component, the graphical component

structure for each component includes the textual component content directly related only to

that specific component, and outputting a viewable diagram of that categorization wherein

each of the components and its corresponding text-based information and its corresponding

diagram components are automatically directly linked by being visually integrated with one

another within the graphical component structure; wherein the hierarchical component

categorization includes at least one key component and at least one subcomponent related thereto, and

     c. the at least one user viewing the diagram and text-based information in a tangible medium.

18. (canceled)

19. (canceled)